

EXTRA INFO. 11/13/06 (8)

12/30/06 (7)

PROJECT APPLICATION FORM

Applicant: Health Department **Submission Date:** October 27, 2006

Applicant's Address, Phone Number and Email **Purpose: (Please select all that apply)**

Doug Halley, Health Director
Health Department, 472 Main Street
Acton, MA 01720 -- (978) 264-9634
dhalley@town.acton.ma.us

- ☐ Open Space
- ☐ Community Housing
- ☐ Historic Preservation
- ☐ Recreation

Town Committee (if applicable): _____

Project Name: Communitywide Archaeology Reconnaissance Survey

Project Location/Address: Town of Acton

Amount Requested: \$35,000

Project Summary: In the space below, provide a brief summary of the project.

The purpose of this project is to conduct a community-wide archaeological reconnaissance survey in order to identify the patterns of prehistoric and Colonial occupation and activities in Acton, and to determine known and probable locations of archaeological resources associated with those patterns. The project is intended to obtain professional cultural resource expertise for the Town of Acton in order to undertake this archaeological survey. This project is expected to more clearly identify areas which would most likely be archaeologically sensitive areas. The results would be used to achieve more effective protection of significant archaeological resources, through public permitting and approval processes and through public and private efforts for land acquisition and preservation restrictions.

Specific project goals include the following:

- Develop an Archaeological Sensitivity Map of the Town of Acton depicting both prehistoric and historic archaeological sensitive areas, with an accompanying guide to understanding and using the map for non-professionals;
- Provide an Archaeological Reconnaissance Survey Report; meeting the standards of 950 CMR 70.14 and the Secretary of the Interior's Standards and Guidelines for Archaeology and Historic Preservation (48 CFR 190); and
- Develop management recommendations for the protection of identified cultural resources and sensitive areas.

Estimated Date for Commencement of Project: July 1, 2007

Estimated Date for Completion of Project: June 30, 2008

TOWN OF ACTON

COMMUNITYWIDE ARCHAEOLOGY RECONNAISSANCE SURVEY

OCTOBER 2006

COVER SHEET FOR CPA PROPOSAL

1. Project Title: Communitywide Archaeology Reconnaissance Survey
2. Project Type: Historical Reconnaissance Level Survey/ Inventory
3. Applicant: Town of Acton
4. Project Coordinator: Doug Halley
Health Director
Acton Health Department
472 Main Street
Acton, MA 01720
(978) 264-9634
dhalley@town.acton.ma.us
5. Amount of Funding Requested: \$35,000
6. Attachments:
 - a. Work Program
 - b. Narrative Statement
 - c. Budget
7. Authorized Applicant Signature

(Signature)

Don P. Johnson
Town Manager

November 2006

TOWN OF ACTON

COMMUNITY-WIDE ARCHAEOLOGICAL RECONNAISSANCE SURVEY

PART II – WORK PROGRAM

A. Project Goals

The purpose of this project is to conduct a community-wide archaeological reconnaissance survey in order to identify the patterns of prehistoric and Colonial occupation and activities in Acton, and to determine known and probable locations of archaeological resources associated with those patterns. The project is intended to obtain professional cultural resource expertise for the Town of Acton in order to undertake this archaeological survey. This project is expected to more clearly identify areas which would most likely be archaeologically sensitive areas. The results would be used to achieve more effective protection of significant archaeological resources, through public permitting and approval processes and through public and private efforts for land acquisition and preservation restrictions.

Specific project goals include the following:

- Develop an Archaeological Sensitivity Map of the Town of Acton depicting both prehistoric and historic archaeological sensitive areas, with an accompanying guide to understanding and using the map for non-professionals;
- Provide an Archaeological Reconnaissance Survey Report; meeting the standards of 950 CMR 70.14 and the Secretary of the Interior's Standards and Guidelines for Archaeology and Historic Preservation (48 CFR 190); and
- Develop management recommendations for the protection of identified cultural resources and sensitive areas.

B. Project Description

B.1. Methodology

The proposed archaeological reconnaissance survey and report must use Massachusetts Historical Commission (MHC) criteria and methodology applying current standards. The MHC criteria for conducting an archaeological reconnaissance survey are designed to identify archaeologically sensitive areas. Although the survey methodology is not designed to identify all archaeological sites within a particular area, some sites may be found as a result of the reconnaissance survey. Archaeological sites identified at the reconnaissance level are generally documented through background research and visual examination, rather than excavation.

Site locations may frequently be determined through documentary sources such as historic maps, deeds, town historians, or newspapers. Interviews with knowledgeable individuals may also produce information on known or suspected site locations. Visual inspection of site locations identified through these means may provide field evidence for their existence through the survival of cellar holes, foundations, depressions, dams, artifacts, or other features. Field inspection also provides the basis for a description of the site location and its condition.

Information recovered from local sites and regional studies and environmental data are then analyzed within commonly accepted predictive models for the identification of sensitive areas and predictions relating to the sites that are expected to exist. Known sites may also be evaluated for their potential or known eligibility for listing on the National Register of Historic Places.

Information contained in the MHC's Inventory of Historic and Archaeological Assets of the Commonwealth can also expand on these patterns and recommendations by providing inventoried prehistoric and historic archaeological sites as well as extant structures as examples of potential in the community.

B.2.2 Project Phases

The proposed survey's goals will be met in four phases beginning no later than July 2007 and being completed by June 30, 2008. The work is expected to be conducted by a consultant or consultants to be hired by the Town of Acton after the CPA funding approval is made and following the MHC's guidelines for hiring consultants. The consultant(s) will be working closely with the Project Coordinator, Doug Halley and the MHC.

Preparation of the Request for Proposal (RFP), advertisement of the RFP, interviewing and hiring of the consultant(s) will be undertaken immediately after funding approval; as per MHC requirements for hiring consultants. Once the consultant(s) have been hired, meetings with the Project Coordinator, consultant(s) and the MHC will be held at MHC offices to review progress and products at the end of each phase. Work to be carried out during each phase and products due at the end of each phase are described below.

Phase 1 – Four Months (July – October 2007)

Tasks:

- Meeting with the Project Coordinator and/or MHC to discuss the scope of the project and to assess available archival materials, informants, and institutions to be consulted as part of the project.
- File a permit application (950 CMR 70) with the State Archaeologist and receive permit before starting field work.

- Review and evaluate local historical sources and other pertinent information, such as surficial and bedrock geology, USDA soil maps, historic period maps, USGS maps (current and past editions), aerial photographs, and publications available at local and state repositories (including Acton Memorial Library, Town Hall and Acton Historical Society), as well as, available information from the Inventory of Historic and Archaeological Assets of the Commonwealth at MHC.
- Interview local collectors and other knowledgeable persons, including the Town Historical Commission, Historic District Commission, Cemetery Commission, Conservation Commission and Historical Society members for information relating to known and potential sites and important issues.
- Field check and verify information on archaeological sensitivity by performing a surface reconnaissance on a sample of locations as necessary. Assess topography, patterns of disturbance, and areas of low sensitivity to refine the results of the review and evaluation of the sources above. Field reconnaissance results will be incorporated into the archaeological sensitivity map to be prepared.
- Summarize the Town's prehistoric and historical development and ecological and topographical conditions in order to develop a specific predictive model for locating historic and prehistoric sites.
- Review sample bylaws, regulations and plans on file at MHC for archaeological review and planning for other Massachusetts towns.
- Apply then National Register criteria to all known archaeological sites in the Town of Acton.

Products:

- Application for State Archaeologist's permit.
- Written summary of research, field work, and summary of predictive model.
- List of known archaeological sites in the town and recommendations as to their National Register potential.
- Draft townwide map of known historic site locations and archaeologically sensitive areas for both historic and prehistoric period resources, on a base map showing environmental conditions (USGS map or equivalent).

Phase II – Three Months (November 2007 – January 2008)

TASKS:

- Based on research, field work and the predictive model, prepare outline of the reconnaissance survey report for review by the Project Coordinator and the MHC.
- Meet with the Project Coordinator and other representatives of the Town of Acton to assess permitting and approval processes, local bylaws, existing town planning and review mechanisms, and land acquisition and protection strategies potentially relevant to archaeological resource planning and protection.
- Based on research and interviews, prepare outline of archaeological planning recommendations for review by the Project Coordinator and the MHC.

- Prepare draft management recommendations, bylaws and protection methods, including zoning and/or other land use controls.

Products:

- Outline of reconnaissance archaeological report, including a brief summary of research results.
- Draft management recommendations and bylaws that include potential structures and review procedures for protection of local archaeological resources.

Phase III – Three Months (February – April 2008)

Tasks:

- Based on research, field work and predictive model, refine draft archaeological base map of known sites and archaeologically sensitive areas and place on full scale copy of Town Assessor's map and Geographic Information (GIS) map, showing sensitive areas for both prehistoric and historic archaeological resources.
- Prepare draft of accompanying guide to understanding and using the archaeological sensitivity map for non-professionals.
- Prepare draft reconnaissance archaeological report.
- Prepare final management recommendations, bylaws and protection methods, including zoning and/or other land use controls.
- Submit draft map, guide, reconnaissance survey report and management recommendations to the Project Coordinator, the State Archaeologist and the MHC for review.

Products:

- Draft Archaeological Sensitivity Map and Guide.
- Draft Reconnaissance Survey Report.
- Final Management Recommendations and Bylaws that include potential structures and review procedures for protection of local archaeological resources.

Phase IV – Two Months (May – June 2008)

Tasks:

- Prepare final archaeological sensitivity map and guide, incorporating comments on draft versions. Conventions used to indicate sensitivity should not obscure base map information and must be able to be readily reproduced in black and white.
- Prepare final archaeological reconnaissance report and management recommendations, incorporating comments on the draft report. This report must also include a copy of the archaeological sensitivity map and guide.

Final Products:

- Final Archaeological Sensitivity Map and Guide. One original and two copies of the map and guide will be provided to the Town, and one copy of the map and guide will be deposited with the MHC.
- Final Archaeological Reconnaissance Report and Management Recommendations. One original and two copies of the report will be provided to the Town, and one copy will be deposited with the MHC.

TOWN OF ACTON

COMMUNITY-WIDE ARCHAEOLOGICAL RECONNAISSANCE SURVEY

PART III – NARRATIVE STATEMENT

1. Level of Information

The level of knowledge regarding prehistoric and historic archaeological sites in Acton is limited. The locations of prehistoric sites are obviously guarded. Action to conduct archaeological surveys has only been initiated as a result of construction related to the Town's sewer efforts. In particular in 1999 an archaeological survey (later named Pine Hawk) at the location of the Rapid Infiltration Basins for the Sewer system discharge on Adams Street identified pre-historic occupation dating back 7,000 years.

The proposed reconnaissance survey would be of great benefit in collecting all available data and identifying those remaining cultural resources before the current development surge in Acton causes their permanent destruction. Based on the substantial level of interest in the earlier Pine Hawk survey, the completion of this archaeological survey would almost certainly generate similar interest. The Town intends to publicize the survey to the extent allowed, leading to its use to achieve more effective protection of archaeological resources.

2. Level of Significance

Based on available data from within the town and data from surrounding communities, there is evidence of both prehistoric and historic significant resources in Acton which have not been identified or inventoried.

Within the SUASCO basin portion of Acton is at least one identified pre-historic site, Pine Hawk, where Paleo-Indian tools were found dating to approximately 7,000 years ago. Dr. Curtiss Hoffman of Bridgewater State College completed an inventory of Native American archaeological sites within the SUASCO watershed, which provides a good source document.

The Acton Historical Commission's objective is to protect and preserve the Town's historic character and assets, be they buildings, open spaces, landscapes, or historic districts. They maintain the Cultural Resource list of significant structures in Town. The Cultural Resource List was updated in 2004 by the Commission. They have also worked to identify and verify historical aspects of the Bruce Freeman Rail Trail project and the Morrison Farm project.

3. Potential for Loss or Destruction

Rapid current housing development in Acton, with both “McMansions” and Chapter 40B affordable housing projects, is rapidly changing the face of the Town. Potential Residential, Commercial and Industrial growth within the recently built sewer service area may contribute to further destructive impacts on historic and cultural resources which have not been identified and protected in some fashion. If the town is able to identify archaeologically sensitive areas, it can attempt to balance proposed large-scale redevelopment projects in those areas against historic, cultural and recreational values of the properties.

4. Level of Local Preservation Activity

Acton has maintained an active program of preservation planning over many Years. The Town appointed groups largely responsible for its development and implementation are:

- The Historical Commission is responsible for the protection and preservation of historical resources throughout the community;
- The Historic District Commission is responsible for the administration of the local Historic Districts;
- The Community Preservation Committee is responsible for administering funds generated from the Community Preservation Act and selecting appropriate Open Space, Recreation and Historical Projects for funding recommendation at Annual Town Meeting;
- The Planning Board is responsible for the periodic review and updating of the Master Plan;

5. Appropriateness of Proposed Project

The appropriateness of this proposed survey project is time critical, due to the development pressures in town as noted previously. Once the archaeologically sensitive areas have been identified, the town will be in a better position to address specific needs in many cases. For example, in the past the Town has been able to purchase the Young Farm on Nagog Hill Road and the Morrison Farm on Concord Road from private owners and thereby preserved their historic landscapes as conservation/recreation areas. Once sensitive areas have been identified the Town can coordinate its Boards and Committees to convince developers to modify their plans and preserve such resources.

6. Demonstrated Understanding of Work to be Performed

The Town has a clear understanding of the work to be performed. The Historic Commission has developed a comprehensive Cultural Resource List. The Historic District Commission has developed comprehensive regulations preserving historic qualities within the Districts. The Community Preservation Committee has successfully identified several preservation activities which were funded by Town Meeting and completed satisfactorily. The Town has funded a major archaeological find in the 7,000 year old Pine Hawk Site and has done major work to highlight the artifacts discovered and make them accessible to the public.

The Historic Commission will be instrumental in providing the consultant(s) with source documentation and providing access to other knowledgeable individuals and to potential archaeological site areas.

7. Extent and Nature of Public Benefit

The Massachusetts State Historic Preservation Plan objectives identify community wide inventories of archaeological resources as a high priority. Survey and Planning has a high local priority due to the rapid current development pace in Acton, which will result in the loss of many remaining archaeological resources without prompt action.

Dissemination of information developed during the proposed survey will be of vital public benefit by enabling the Town to mobilize forces to work in preserving important sites within archaeologically sensitive areas.

8. Administrative and Financial Management Capabilities

The Town of Acton has demonstrated capabilities for administering CPA funds and to ensure completion of projects in a timely and effective manner. The Town's financial system meets Federal standards and is audited on an annual basis. The Town has one of the highest bond ratings in the State.

BUDGET

1.	Personnel – In kind	
	Project Administrator/Health Director	
	Annual Salary - \$80,000	
	% Time to Project – 5%	
	Total	\$4,000
2.	Consultant Services	
	Phase I	\$12,000
	Phase II	\$8,000
	Phase III	\$8,000
	Phase IV	\$6,000
3.	Printing	\$1,000
	Total Project	\$39,000
	Total Funding Request	\$35,000

Massachusetts Historical Commission

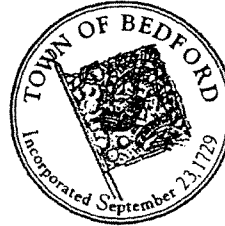
FY03 Survey and Planning Grant Program

TOWN OF BEDFORD

**COMMUNITYWIDE ARCHAEOLOGICAL RECONNAISSANCE
SURVEY**

MARCH 2003

TOWN OF BEDFORD
BEDFORD, MASSACHUSETTS 01730



Historic Preservation Commission

Town Hall
Bedford, MA 01730-2144
781-275-1111

March 20, 2003

Michael Steinitz, Director, Preservation Planning Division
Survey and Planning Grants 2003
Massachusetts Historical Commission
220 Morrissey Boulevard
Boston, MA 021215

Re: Communitywide Archaeological Reconnaissance Survey
Bedford, MA

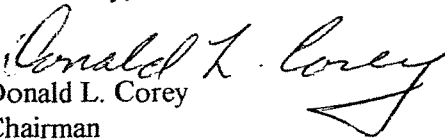
Dear Mr. Steinitz:

Enclosed is the FY03 Survey and Planning Grant application by the Town of Bedford. The proposed project is a communitywide archaeological reconnaissance survey.

The application has been executed by Mr. Richard T. Reed as the Contracting Officer for the Town of Bedford. If the town is awarded a grant, the project will be administered by the Historic Preservation Commission.

Please note that the town's matching share is shown as \$10,000 (40%) to be expended out of the historic preservation component of the Community Preservation Fund. That sum has been recommended by the Community Preservation Committee after a public hearing, and is supported by the Board of Selectmen and the Finance Committee. However, Annual Town Meeting does not commence until next week, Monday, March 24, 2003, at which time the article will be discussed and acted upon. We will notify your office after the article has been acted upon.

Yours truly,


Donald L. Corey
Chairman

Encl.

FISCAL YEAR 2003
SURVEY AND PLANNING GRANT - FULL APPLICATION

COVER SHEET FOR APPLICATION PROPOSAL
DEADLINE - FRIDAY, MARCH 21, 2003

1. Project Title: Communitywide Archaeological Reconnaissance Survey
2. Project Type: Reconnaissance Level Survey/Inventory
3. Community/Communities: Town of Bedford
4. Local Project Coordinator: Donald L. Corey, Chairman
Historic Preservation Commission

Address: Historic Preservation Commission
Town Hall - 10 Mudge Way
Bedford, MA 01730

	<u>Town Hall</u>	<u>Proj. Coord.</u>
Phone:	781-275-1111	781-275-2970
Fax:	781-275-6310	781-275-3557
E-mail:	RickR@town.Bedford.MA.US/ cmcofficeuse@aol.com	

5. Amount of Funding Requested: \$ 15,000.
Local Share: \$ 10,000.
Total Project Cost: \$ 25,000.

6. Attachments: (Please check when completed)

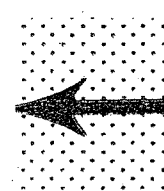
<u>X</u> Work Program	<u>X</u> Matching Share Information
<u>X</u> Narrative Statement	<u>X</u> Assurances
<u>X</u> Budget	<u>X</u> Debarment Certification
	<u>X</u> Local Historical Commission Comment (If Applicable)

7. Authorized Applicant Signature:

(Signature)

Richard T. Reed
(Name - please print)

Town Administrator
(Title) (Date)



FY 2003 Survey and Planning Grant Application

TOWN OF BEDFORD COMMUNITY-WIDE ARCHAEOLOGICAL RECONNAISSANCE SURVEY

PART II - WORK PROGRAM

A. Project Goals

The purpose of this project is to conduct a community-wide archaeological reconnaissance survey in order to identify the patterns of prehistoric and Colonial occupation and activities in Bedford, and to determine known and probable locations of archaeological resources associated with those patterns. The project is intended to obtain professional cultural resource expertise for the Town of Bedford in order to undertake this archaeological survey. This project is expected to more clearly identify areas which would most likely be archaeologically sensitive areas. The results would be used to achieve more effective protection of significant archaeological resources, through public permitting and approval processes and through public and private efforts for land acquisition and preservation restrictions.

Specific project goals include the following:

- * Develop an Archaeological Sensitivity Map of the Town of Bedford depicting both prehistoric and historic period archaeologically sensitive areas, with an accompanying guide to understanding and using the map for non-professionals;
- * Provide an Archaeological Reconnaissance Survey Report meeting the standards of 950 CMR 70.14 and the Secretary of the Interior's Standards and Guidelines for Archaeology and Historic Preservation (48 CFR 190); and,
- * Develop management recommendations for the protection of identified cultural resources and sensitive areas.

B. Project Description

B.1. Methodology

The proposed archaeological reconnaissance survey and report must use MHC criteria and methodology applying current standards. The MHC criteria for conducting an archaeological reconnaissance survey are designed to identify archaeologically sensitive areas. Although the survey methodology is not designed to identify all archaeological sites within a particular area, some sites may be found as a result of the reconnaissance survey. Archaeological sites identified at the reconnaissance level are generally documented through background research and visual examination, rather than excavation. Site locations may frequently be determined through documentary sources such as historic maps, deeds, town historians, or newspapers. Interviews with knowledgeable individuals may also produce information on known or suspected site locations. Visual inspection of site locations identified through these means may provide field

evidence for their existence through the survival of cellar holes, foundations, depressions, dams, artifacts, or other features. Field inspection also provides the basis for a description of the site location and its condition.

Information recovered from local sites and regional studies and environmental data are then analyzed within commonly accepted predictive models for the identification of sensitive areas and predictions relating to the sites that are expected to exist. Known sites may also be evaluated for their potential or known eligibility for listing on the National Register of Historic Places.

Information contained in the MHC's Inventory of Historic and Archaeological Assets of the Commonwealth can also expand on these patterns and recommendations by providing inventoried prehistoric and historic archaeological sites as well as extant structures as examples of potential in the community

B.2. Project Phases

The proposed survey's goals will be met in four phases beginning no later than July 2003 and being completed by June 30, 2004. The work is expected to be conducted by a consultant or consultants to be hired by the Bedford Historic Preservation Commission after the grant award is made and following the MHC's guidelines for hiring consultants. The consultant(s) will be working closely with the Bedford Historic Preservation Commission and the MHC.

The Project Coordinator will attend an orientation workshop upon award of a grant. Preparation of the Request for Proposal, advertisement of the position, interviewing and hiring of the consultant(s) will be undertaken immediately thereafter following MHC requirements. Once that the consultant(s) has been hired, meetings with the Project Coordinator, consultant(s) and MHC will be held at MHC offices to review progress and products at the end of each phase. Work to be carried out during each phase and products due at the end of each phase are described below.

Phase 1 - 16 weeks (June 29 - October 18, 2003)

TASKS:

- * Meeting with MHC to discuss the scope of the project and to assess available archival materials, informants, and institutions to be consulted as part of the project.
- * File a permit application (950 CMR 70) with the State Archaeologist and receive permit before starting field work.
- * Review and evaluate local historical sources and other pertinent information, such as surficial and bedrock geology, USDA soil maps, historic period maps, USGS maps (current and past editions), aerial photographs, and publications available at local and state repositories (including Bedford Free Public Library, Town Hall and Historical Society), as well as available information from the Inventory of Historic and Archaeological Assets of the Commonwealth at MHC.

- * Interview local collectors and other knowledgeable persons, including the Town Historian and Conservation Commission, Historic Preservation Commission and Historical Society members for information relating to known and potential sites and important issues.
- * Field check and verify information on archaeological sensitivity by performing a surface reconnaissance on a sample of locations as necessary. Assess topography, patterns of disturbance, and areas of low sensitivity to refine the results of the review and evaluation of the sources above. Field reconnaissance results will be incorporated into the archaeological sensitivity map to be prepared.
- * Summarize the town's prehistoric and historical development and ecological and topographical conditions in order to develop a specific predictive model for locating historic and prehistoric sites.
- * Review sample bylaws, regulations and plans on file at MHC for archaeological review and planning for other Massachusetts towns.
- * Apply the National Register criteria to all known archaeological sites in the Town of Bedford.

PRODUCTS:

- * Application for State Archaeologist's permit.
- * Written summary of research, field work, and summary of predictive model.
- * List of known archaeological sites in the town and recommendations as to their National Register potential.
- * Draft townwide map of known site locations and archaeologically sensitive areas for both historic and prehistoric period resources, on a base map showing environmental conditions (USGS map or equivalent).

Phase II - 10 weeks (October 19 - December 27, 2003)

TASKS:

- * Based on research, field work and the predictive model, prepare outline of reconnaissance survey report for review by the Bedford Historic Preservation Commission (BHPC) and the MHC.
- * Meet with the BHPC and other representatives of the Town of Bedford to assess permitting and approval processes, local bylaws, existing town planning and review mechanisms, and land acquisition and protection strategies potentially relevant to archaeological resource planning and protection.

- * Based on research and interviews, prepare outline of archaeological planning recommendations for review by the BHPC and the MHC.
- * Prepare draft management recommendations, bylaws and protection methods, including zoning and/or other land use controls.

PRODUCTS:

- * Outline of reconnaissance archaeological report, including a brief summary of research results.
- * Draft management recommendations and bylaws that include potential structures and review procedures for protection of local archaeological resources.

Phase III - 10 weeks (December 28, 2003 - March 6, 2004)

TASKS:

- * Based on research, field work and predictive model, refine draft archaeological base map of known sites and archaeologically sensitive areas and place on full scale copy of Town Assessors' map or Geographic Information System (GIS) map, showing sensitive areas for both prehistoric and historic archaeological resources.
- * Prepare draft of accompanying guide to understanding and using the archaeological sensitivity map for non-professionals.
- * Prepare draft reconnaissance archaeological report.
- * Prepare final management recommendations, bylaws and protection methods, including zoning and/or other land use controls.
- * Submit draft map, guide, reconnaissance survey report and management recommendations to the BHPC, the State Archaeologist and MHC for review and comment.

PRODUCTS:

- * Draft archaeological sensitivity map and guide.
- * Draft reconnaissance survey report.
- * Final management recommendations and bylaws that include potential structures and review procedures for protection of local archaeological resources.

Phase IV - 8 weeks (March 7 - May 1, 2004)

TASKS:

- * Prepare final archaeological sensitivity map and guide, incorporating comments on draft versions. Conventions used to indicate sensitivity should not obscure base map information and must be able to be readily reproduced in black-and-white.
- * Prepare final archaeological reconnaissance report and management recommendations, incorporating comments on draft report. This report must also include a copy of the archaeological sensitivity map and guide.

FINAL PRODUCTS:

- * Final Archaeological Sensitivity Map and Guide. One original and two copies of the map and guide will be provided to the BHPC, and one copy of the map and guide will be deposited with the MHC.
- * Final Archaeological Reconnaissance Report and Management Recommendations. One original and two copies of the report will be provided to the BHPC, and one copy will be deposited with the MHC.

FY 2003 Survey and Planning Grant Application

TOWN OF BEDFORD COMMUNITY-WIDE ARCHAEOLOGICAL RECONNAISSANCE SURVEY

PART III - NARRATIVE STATEMENT

1. Level of Information

The Town of Bedford completed its Communitywide Historic Properties Survey under an earlier Survey and Planning grant. The report was printed in cooperation with the Bedford Historical Society and has been widely distributed among Town agencies, organizations and interested residents.

In contrast, the level of knowledge regarding prehistoric and historic archaeological sites in Bedford is rather limited. The locations of prehistoric sites are obviously guarded. Minimal research has been done on Colonial sites where the structures are no longer in existence. Consequently, action to conduct surveys on several has only been initiated as a result of proposed redevelopment of the sites. The Abbott Homestead site (1st Quarter - 18th century) off of Springs Road was identified during development of the property as a subdivision. The existence of the Israel Putnam Homestead site (ca. 1722) within the Old Bedford Center National Register Historic District was known, but action to preserve potentially important cultural resources was only initiated when it recently became the proposed site of a high-density affordable housing project.

The proposed reconnaissance survey would be of great benefit in collecting all available data and identifying those remaining cultural resources before the current development surge in Bedford causes their permanent destruction. Based on the substantial level of interest in the earlier Historic Properties Survey, the completion of this archaeological survey would almost certainly generate similar interest. The Bedford Historic Preservation Commission (BHPC) would intend to publicize the survey to the extent allowed, leading to its use to achieve more effective protection of archaeological resources.

2. Level of Significance

Based on available data from within the town and on data from surrounding communities, there is evidence of both prehistoric and historic significant resources in Bedford which have not been identified or inventoried.

Within the Concord River basin portion of Bedford lie several identified prehistoric and historic archaeological sites, including one where a Paleo-Indian spear point was found dating to approximately 10,000 years ago. Dr. Curtiss Hoffman of Bridgewater State College also recently completed an inventory of Native American archaeological sites within the SuAsCo Watershed, which provides a good source document. Additionally, Two Brothers Rocks are located on the bank of the Concord River just downstream (north) of the Carlisle Road bridge. These glacially-

deposited boulders were used by Governor Winthrop and Lieutenant Governor Dudley to locate their land grants in 1638, and thus have very early Colonial historical significance.

Several other prehistoric and historic identified sites lie within the Shawsheen River basin portion of Bedford, although fewer artifacts are available locally and less documentation is available. It is known that an Indian trading post was in existence on the Shawsheen River in 1642, with several sites along one reach of the river having been suggested as its location. A hill on the east bank of the river now identified as Crosby Hill was traditionally named Indian Hill until modern times. The nearby mill pond on the Shawsheen River behind the Bacon-Fitch dam (north or downstream from Page Road) was also known as Indian Pond. The mill was first constructed in about 1670, and the dam was finally removed by the Town of Bedford in about 1950.

The approximate locations of early Bedford homesteads which are no longer in existence are generally known, but outside of the Old Bedford Center the specific locations of most of those are typically not known.

3. Potential for Loss or Destruction

Rapid current housing development in Bedford, with both "McMansions" and Chapter 40B affordable housing projects, is rapidly changing the face of the Town. Highway expansion work on both Route 3 and the Middlesex Turnpike within the industrial and commercial area of East Bedford has also had a substantial impact, which will contribute to further destructive impacts on historic and cultural resources which have not been identified and protected in some fashion. If the town is able to identify archaeologically sensitive areas, it can attempt to balance proposed large-scale redevelopment projects in those areas against the historic, cultural and recreational values of the properties.

4. Level of Local Preservation Activity

Bedford has maintained an active program of preservation planning over many years. The Town-appointed groups largely responsible for its development and implementation are:

- the Historical Commission (now Historic Preservation Commission)(BHPC), established in 1971, is responsible for the protection and preservation of historical resources throughout the community;
- the Historic District Commission (one of the earliest in the state), established through local bylaws and the Acts of 1968, Ch. 118, has responsibility for administration of the local Historic District;
- the Community Preservation Committee, appointed as the local planning body when Bedford became the first town in the Commonwealth to accept the Community Preservation Act;
- the Planning Board, which coordinates periodic review of the town's Comprehensive Plan, revised in 1994 and currently undergoing another updating; and,
- an Archivist, position established within the Town Clerk's office during the past 3 years.

The Town's efforts to protect and preserve its cultural and historic resources include:

- Formation of an Historic District in 1968, followed by an expansion of this into the Old Bedford Center National Register District in 1977;

- Acquisition by the town and management through the Historic Preservation Commission of the Job Lane Farm (c. 1713, a house museum);

- Restoration and preservation of Bedford's Old Town Hall, built in 1856 and abandoned as Town offices in the 1980s. Preservation planning demonstrated the feasibility of preserving the building as a community resource. The restoration is still in progress, but stabilization and exterior preservation have been completed with matching grants from the MHC;

- Bedford was awarded an ISTEA grant of almost \$1 million (recently increased to \$1.3 million) to acquire and restore the Bedford railroad depot and to complete the construction of a new Bedford Depot Park at the terminus of the heavily-used Minuteman Bikeway;

- The Communitywide Historic Properties Survey, which was completed in June 1999, recommended ten historic resource areas for listing as National Register Districts. Two applications, for the Wilson Mill/Old Burlington Road Historic District and the Bedford Depot Historic District, are currently awaiting approval by the MHC.

- A Preservation Plan was completed for the Wilson Mill Site (3rd Q - 17th century) under a matching grant from the Mass. Dept. of Environmental Management, which is currently being implemented by a community group. Interpretive signage is being provided;

- The former Union School (1891) has become the Town Center for community service organizations. It is currently undergoing a substantial preservation project using both town and Community Preservation funds;

- The Old Burying Ground (1729-1849) is a significant contributing element to the Bedford Center National Historic District and to the local Bedford Historic District. Individuals buried there include many of Bedford's founders, its Minutemen and Militiamen who fought at Concord and along Battle Road on April 19, 1775, and its Black Revolutionary soldiers. Grant applications for a preservation plan for its gravestones, tombs, perimeter stone walls and trees are currently pending with both the Mass. Dept. of Environmental Management and MHC (MPPF Round IX);

- The BHPC is providing increased visibility and awareness of historic structures throughout the community with the installation of plaques on both private and public buildings, showing their construction dates and historic names.

This proposed project ties in closely with the other recent and on-going projects, which have received broad support from the community as shown by repeated affirmative Town Meeting votes on the various projects. The results of the proposed project will be made available to the general public (to the extent allowed by MHC for archaeological sites) through meetings, such as the Bedford Historical Society, newspaper articles and public notices. The BHPC will be the coordinating group for initiating action on recommendations coming out of the project, such as any changes to the town's permitting and approval processes and/or land acquisition or preservation restrictions.

5. Appropriateness of Proposed Project

The appropriateness of this proposed survey project is time-critical, due to the development pressures in town which have been noted above. Once that archaeologically sensitive areas have been identified, the town will be in a much better position to act to address specific needs in many cases. For example, the BHPC was able to work with other boards to purchase portions of the former Wilson Mill site (ca. 1675) from private owners and to create a historic landscape and conservation/recreation area. Bedford was the first community to adopt the Community Preservation Act, and it has used funds available from that program to protect several properties threatened by development. Once that sensitive areas have been identified, the BHPC can also work with other town boards to try to convince developers to modify their plans and to preserve such resources.

6. Demonstrated Understanding of Work to be Performed

The BHPC has a clear understanding of the work to be performed. A majority of the Commission members are the same as those that worked with a consultant on the Communitywide Historic Properties Survey. The Commission members handled MHC documentation requirements. That project was completed on time and to the satisfaction of both the MHC and BHPC. The Commission also handled required MHC documentation of the Old Town Hall MPPF grants, which were completed on schedule and to the MHC's satisfaction.

The Commission members will also be instrumental in providing the consultant(s) with source documentation and providing access to other knowledgeable individuals and to potential archaeological site areas.

7. Extent and Nature of Public Benefit

The guidelines for Survey and Planning applicants identified community-wide inventories of archaeological resources as a project type eligible for funding as being consistent with the objectives of the Massachusetts State Historic Preservation Plan. This survey also has a high local priority due to the rapid current development pace in Bedford, which will result in the loss of many remaining archaeological resources without prompt action.

Dissemination of information developed during the proposed survey will be of vital public benefit by enabling the BHPC to mobilize forces to work to preserve important sites within archaeologically sensitive areas.

8. Administrative and Financial Management Capabilities

The Town of Bedford has demonstrated capabilities to administer grant funds and to ensure completion of the projects in a timely and effective manner. The Town's financial system meets Federal standards and is audited on an annual basis. The Town has one of the highest bond ratings in the State.

The town routinely administers State funding on highway projects and for schools. The Town was awarded a State Intermodal Surface Transportation Efficiency Act (ISTEA) grant of over \$1 million (plus recent supplemental funding of approximately \$300,000) in order to acquire the old Bedford Depot (the terminus of the Minuteman Bikeway) and to complete the Depot Park project for historic preservation purposes.

The BHPC, which would administer this project, has also demonstrated its capability to administer funds effectively by having completed three projects with grant funds from the MHC within the past several years:

- Communitywide Historic Properties Survey, which was completed with the assistance of a Survey and Planning matching grant of \$5,000. It was completed in June 1998 within budget and on schedule.

- Round IV Preservation Plan, Old Town Hall. This feasibility study and structural analysis for preservation and rehabilitation of Old Town Hall (1856) was completed with a \$17,000 matching grant from the MPPF. The plan was completed in June 1999, within budget and on schedule.

- Round V Exterior Preservation, Old Town Hall. This project resulted in restoration of the original 1856 appearance of the Old Town Hall under a \$75,000 matching grant from the MPPF. A supplemental grant of \$10,000 was approved to repair damage not visible during the original survey (total project cost was \$170,000). The project was completed on schedule.

The Town also received a \$4,500 Round IV Historic Landscape Preservation grant (total project cost was \$8,500) from the Mass. DEM for preparation of a conceptual preservation plan, National Register nomination, and interpretive signage for the historic Wilson Mill site, one of the earliest Colonial settlements within the present boundaries of Bedford. The historic landscape plan and National Register application were completed on time and within budget. Installation of the interpretive signage was completed thereafter.

9. MHC will consider geographic distribution in its grant awards. MHC will also give special consideration to first-time applicants.

Bedford only recently obtained Certified Local Government status, and as such it has never been awarded a grant in the CLG pool. However, it has received other grants from MHC under the earlier Survey and Planning grant round and the earlier Massachusetts Preservation Projects Fund (MPPF) grant rounds described above.

BUDGET

	MATCHING (LOCAL) SHARE	FEDERAL SHARE	TOTAL
1.a Personnel - In-Kind (paid) Title/Function Annual Salary % Time to Project			
2. Consultant Services Title/Function Archaeologist Rate per Hour # of Hours <u>or</u> <u>Total Dollars Estimated</u>	9,800.	14,700.	24,500.
3. Travel - Rate per Mile _____ # Miles _____			
4. Supplies - (list each item or category)			
5. Other Printing - Final Report	200.	300.	500.
TOTAL PROJECT COST	10,000.	15,000.	25,000.

MATCHING SHARE INFORMATION

1. Cash

Donor: Town of Bedford

Source: Town Appropriation (Comm. Pres. Fund)

Amount: \$ 10,000.

2. In-Kind Services (if applicable)

Donor: _____

Source: _____

Amount: \$ _____

I certify that the matching share identified above is available and will be allocated to the survey and planning project called:

Communitywide Archaeological Reconnaissance Survey

(Name of Project)

(Signature)

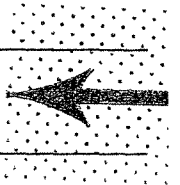
Richard T. Reed

(Name -- please print)

Town Administrator

(Title)

(Date)



ASSURANCES

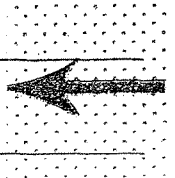
In consideration of and for the purpose of obtaining a grant from the Department of the Interior, National Park Service, through the Massachusetts Historical Commission, Town of Bedford (hereinafter called "Applicant-Recipient") hereby agrees that it will comply with the following:

- A. Grants will be administered in conformance with all applicable federal and state laws, regulations, policies, requirements and guidelines, including OMB Circular A-102 revised (43 CFR 12), policies and procedures of the Historic Preservation Grant-in-Aid Program, and civil rights (Title VI of 1964 Civil Rights Act); non-discrimination on the basis of handicap (Sec. 504 of the Rehabilitation Act of 1973 and the Americans with Disabilities Act of 1990); age (the Age Discrimination Act of 1975); equal employment opportunity and labor law requirements of federal grants;
- B. All procurement actions will be conducted in a manner that provides for maximum open and free competition in compliance with federal and state requirements, including OMB Circular A-102 revised (43 CFR 12);
- C. Adequate financial resources will be available for performance (including necessary experience, organization, technical qualifications and facilities) to complete the proposed project or a firm commitment, arrangement or ability to obtain such will be made;
- D. All costs charged to the grant project will be in payment of an approved budget item during the project period and conform to the cost principles of OMB Circular A-87;
- E. An adequate financial management system (and audit procedure when deemed applicable) will be maintained which provides efficient and effective accountability and control of all property, funds and assets. Subgrantees which are state or local governments must comply with the Single Audit Act of OMB Circular A-133; Subgrantees which are non-profit organizations or universities must comply with OMB Circular A-110 outlining audit requirements for non-profit and educational institutions.
- F. Matching share will not consist of funds from the Federal Government under another assistance agreement unless authorized;
- G. Applicant-Recipient will comply with required completion schedule for the project.

The Applicant-Recipient recognizes and agrees that such Federal financial assistance will be extended in reliance on the representations and agreements made in this Assurance, and that the United States shall reserve the right to seek judicial enforcement of this Assurance. This Assurance is binding on the Applicant-Recipient, its successors, transferees, and assignees; the person or persons whose signature appears below (is) are authorized to sign this Assurance on behalf of the Applicant-Recipient.

DATED

Town of Bedford
APPLICANT-RECIPIENT



BY (President, Chairman of Board or Comparable Authorized Official)
Richard T. Reed, Town Administrator

Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion

Lower Tier Covered Transactions

This certification is required by the regulations implementing Executive Order 12549, **Debarment and Suspension**, 43 CFR Part 12, Section 12.510, Participants' responsibilities. The regulations were published as Part VII of the May 26, 1988 Federal Register (pages 19160-19211). Copies of the regulations are included in the proposal package. For further assistance in obtaining a copy of the regulations, contact the U.S. Department of the Interior, Acquisition and Assistance Division, Office of Acquisition and Property Management, 18th and C Streets, N.W., Washington, D.C. 20240.

(BEFORE COMPLETING CERTIFICATION, READ INSTRUCTIONS ON REVERSE)

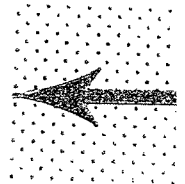
(1) The prospective lower tier participant certifies, by submission of this proposal, that neither it nor its principals is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any Federal department or agency.

(2) Where the prospective lower tier participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

Name and Title of Authorized Representative
Richard T. Reed, Town Administrator

Signature

Date



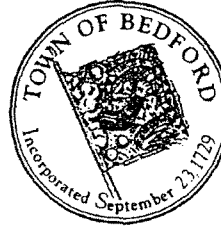
DI-1954

(9/88)

Instructions for Certification

1. By signing and submitting this proposal, the prospective lower tier participant is providing the certification set out below.
2. The certification in this clause is a material representation of fact upon which reliance was placed when this transaction was entered into. If it is later determined that the prospective lower tier participant knowingly rendered an erroneous certification, in addition to other remedies available to the Federal Government, the department or agency with which this transaction originated may pursue available remedies, including suspension and/or debarment.
3. The prospective lower tier participant shall provide immediate written notice to the person to which this proposal is submitted if at any time the prospective lower tier participant learns that its certification was erroneous when submitted or has become erroneous by reason of changed circumstances.
4. The terms "covered transaction," "debarred," "suspended," "ineligible," "lower tier covered transaction," "participant," "person," "primary covered transaction," "principal," "proposal," and "voluntarily excluded," as used in this clause, have the meanings set out in the Definitions and Coverage sections of rules implementing Executive Order 12549. You may contact the person to which this proposal is submitted for assistance in obtaining a copy of those regulations.
5. The prospective lower tier participant agrees by submitting this proposal that, should the proposed covered transaction be entered into, it shall not knowingly enter into any lower tier covered transaction with a person who is debarred, suspended, declared ineligible, or voluntarily excluded from participation in this covered transaction, unless authorized by the department or agency with which this transaction originated.
6. The prospective lower tier participant further agrees by submitting this proposal that it will include this clause titled "Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion-Lower tier Covered Transaction," without modification, in all lower tier covered transactions and in all solicitations for lower tier covered transactions.
7. A participant in a covered transaction may rely upon a certification of a prospective participant in a lower tier covered transaction that it is not debarred, suspended, ineligible, or voluntarily excluded from the covered transaction, unless it knows that the certification is erroneous. A participant may decide the method and frequency by which it determines the eligibility of its principals. Each participant may, but is not required to, check the Nonprocurement List (Tel.#).
8. Nothing contained in the foregoing shall be construed to require establishment of a system of records in order to render in good faith the certification required by this clause. The knowledge and information of a participant is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.
9. Except for transactions authorized under paragraph 5 of these instructions, if a participant in a covered transaction knowingly enters into a lower tier covered transaction with a person who is suspended, debarred, ineligible, or voluntarily excluded from participation in this transaction, in addition to other remedies available to the Federal Government, the department or agency with which this transaction originated may pursue available remedies, including suspension and/or debarment.

TOWN OF BEDFORD
BEDFORD, MASSACHUSETTS 01730



Historic Preservation Commission

Town Hall
Bedford, MA 01730-2144
781-275-1111

March 17, 2003

Massachusetts Historical Commission
220 Morrissey Boulevard
Boston, MA 02125

Re: Communitywide Archaeological Reconnaissance Survey - Bedford, MA
FY03 Survey and Planning Grant Application

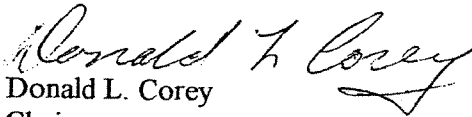
Dear Commissioners:

The Bedford Historic Preservation Commission has actively participated in the preparation of this grant application and unanimously endorses it for your Commission's approval.

The Commission has taken an active role in recent years to preserve and promote a number of the historic and cultural resources within Bedford. These include management of the Town-owned Job Lane Farm Museum, rehabilitation of Old Town Hall, preservation of the former Union School (now Town Center), and acquisition and preservation of the former Wilson Mill site. This has been done with a combination of Town appropriations, grants from the MHC and DEM, and Community Preservation funds. Bedford was the first Town to adopt the Community Preservation Act and to appropriate such funds for historic preservation.

Identification of remaining archaeologically sensitive areas within Bedford under the proposed project is essential to enable the Commission to act in order to preserve cultural resources within those areas from destruction.

Sincerely,


Donald L. Corey
Chairman